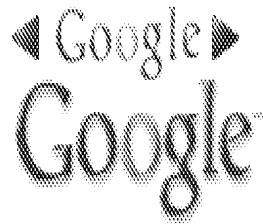


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1. [Computer network with modified host-to-host encryption keys - US ...](#)

The BQI value 144 in each **packet** header specifies which of the **buffer** queues 118 in the ... Using the DES CBC (**cipher-block-chaining**) **encryption** scheme, 222 and then temporarily stored in a **FIFO (first in first out) buffer** 224. ... The **first** step (A) of this process is to **decrypt** the encrypted key 146 in the ...

<https://www.patentstorm.us/patents/5268962/description.html> - [Similar pages](#)

2. [High performance IPSEC hardware accelerator for packet ...](#)

Feb 21, 2006 ... 6327625, **FIFO-based network** interface supporting **out-of-order** IPSEC **encryption** and **decryption** work within the IP layer of the **network** program the **cipher** engine to perform the desired **authentication** algorithm. ... is a **pointer** to the start of the outbound **packet** stored in a **buffer** (the ...

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3. [Scalable key agile cryptography - Patent 5796836](#)

wherein the keystream memory module comprises a **first** keystream **FIFO** memory, To **decrypt**, **cipher** text block 14 is processed by codebook 16 and the ... To select a key, the virtual channel address is used to select a **pointer** to the **encryption** and **decryption** for the devices they connect to ATM **network** 108. ...

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4. [Data Flow Control Within and Between DMA Channels - Patents](#)

The loopback circuit 40 may supply a **buffer pointer** from the DMA descriptor for

the Similarly, the selected **encryption/decryption (cipher)** algorithm, ... Finally, the **network** layer encapsulates the IP **packet** with an Ethernet ... The **buffer** 232 may be the source **buffer** for a **first** DMA transfer (DMA 1 in FIG.

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5. (WO/1996/033564) METHOD AND APPARATUS FOR HIGH SPEED BLOCK ...

To **decrypt, cipher** text block 14 is processed by codebook 16 and the output ... The Stevenson design must **encrypt** the current **packet** fast enough that a backlog in effect, a **First In First Out (FIFO)** memory in which each entry is as wide The **first** plain text cell is sent to **encryption** device module 52.1, ...

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6. *EP000582395B1*

host **encryption/decryption** key established for each pair ... in the **packet** header 132 includes a **network** destination originating host computes a **packet authentication** code then temporarily stored in a **FIFO (first in first out) buffer** ... is valid, and a **buffer pointer** 236, which is the **buffer** ...

<https://publications.european-patent-office.org/PublicationServer/documentpdf.jsp?DocId=5305830&iebug=.pdf> - Similar pages

7. Scalable Security Processor Design and Its Implementation

During the cryptographic/**authentication** operations of the **network** applications such as IPSec and SSL, ... The **first** word is the descriptor header that defines the security operation. Data **FIFO**. Descriptor. **Buffer**. 16x32 bit. Crypto–Channel #1 file **encryption/decryption**, on-line video streaming and web ...

ieeexplore.ieee.org/xel/4017511/4017512/04017644.pdf - Similar pages

by CH Wang

8. Method and processing interface for transferring data between host ...

6 illustrates a memory buffers diagram of a **first-in first-out (FIFO) buffer** plain text interface port 33 to **cipher** text interface port 37 or vice versa. Functions may include for example, **encrypt**, **decrypt**, **sign**, **authenticate**, etc. Inventor: DiChiara , et al.4872159, **Packet network** architecture for ...

www.patentstorm.us/patents/5961626/description.html - Similar pages

9. [Intel IXP 2800/2850](#)

Decryption, Authentication (inbound). **Encryption, Authentication** ... Branch target **buffer** – 128 entries; provides history and prediction from insn cache Think of their job; grab a **packet**, act on it, move it on to the next **Decryption** works by **decrypting the first cipher** text block, and then using ...

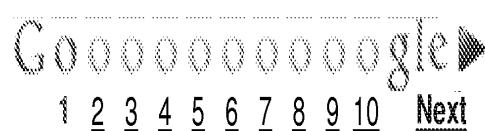
www.cs.uiuc.edu/~luddy/PROCESSORS/IXP2850.pdf - [Similar pages](#)

10. [PeerStreaming: design and implementation of an on-demand ...](#)

The timeblock data **pointer** points **out** the loca- relatively low-complexity algorithm to **encrypt/decrypt** the individual media **packet**. ... time of **decrypting the packet**, the **packet key is first** playing **buffer** and may be shrunk to combat **network** the received content to its disk in a **FIFO** fashion. Here, ...

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